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06/18/01

Document Control Office (7407)
Attn: TSCA Section 8(e) Coordinator
Office of Pollution Prevention & Toxics
U.S. Environmental Protection Agency
Washington, DC 20460-0001

Dear Sir:

[redacted] submits the information provided in this letter to the U. S. Environmental Protection Agency (EPA) in compliance with the Toxic Substances Control Act (TSCA) Section 8(e) regulations.

Acute dermal testing of a 0.3N (2.75%) tetramethylammonium hydroxide aqueous solution in rabbits generated an LD_{50} of greater than 2000 mg/kg.

The appropriate personnel at [redacted] have been notified about these findings. Product literature will be reviewed and will be modified if appropriate.

Complete and "sanitized" copies of the summary of the test results and a "sanitized" copy of this letter are attached. If you need additional information, please feel free to contact me at [redacted].

Sincerely,

[redacted]

[redacted]

Attachment

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Test material information

Sample ID: [redacted]

CAS #s: 7732-18-5; 75-59-2; [redacted]

Sample description: [redacted]

Study description and results

An acute dermal toxicity study was conducted at [redacted] in accordance with EPA OPPTS guideline 870.1200. Three male and three female rabbits were dosed dermally with the test material. The 2.0 ml/kg dose was applied to the shaved skin of the back and was held in contact with the skin for 24 hours using a semi-occlusive dressing.

One male rabbit died within two hours. The only pre-death clinical sign was a clear discharge from the eyes. Instances of lethargy, ataxia, and tremors were noted in one surviving female on the day of dosing, with diarrhea on Day 1. This animal appeared normal on Days 2 through 14. Instances of diarrhea were also noted in one of the surviving male rabbits. The dermal LD_{50} of the test material was greater than 2 ml/kg (2000 mg/kg).